

JAWORSKI, C.

3711. An analytical method of calculation of unit consumption of traction energy. C. JAWORSKI. *Arch. Elektrotech. (Warsaw)* 2, No. 1-2, 107-36 (1953). In Polish.

Instead of obtaining the total energy consumption as result of laborious calculations of runs for various types of train, and having previously selected the type of motor, formulae are evolved giving directly the unit energy consumption independently of the characteristics of the motor, and depending only upon the data of the line, the weight of the train and the service required. A numerical example is given. The case of regenerative braking is also considered.

A. KARLSHAD

JAWORSKI, C.

Electrification of railroads; a coreport to the report by s. Plewako. p. 448.
(PRZEGLAD KOLEJOWY, Vol. 5, No. 12, Dec. 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec.
1954, Uncl.

JAWORSKI, C.

Analysis of the traction motor performance; analytic method of computing the power of an electric railway car. p. 159.

ARCHIWUM ELEKTROTECHNIKI, Warszawa, Vol. 4, no. 1, 1955.

SC: Monthly List of East European Accessions, (M.E.A.), LC, Vol. 4, no. 10, Oct. 1955, Incl.

JAWORSKI, C.

JAWORSKI, C. The use of electric locomotives. (To be contd.) p. 401.

Vol. 7, No. 11, Nov. 1955

PRZEGLAD KOLEJOWY

TECHNOLOGY

Warszawa, Poland

So: East European Accession, Vol. 5, No. 5, May 1956

JAWORSKI, C.

The use of electric locomotives. (To be contd.) p. 441.
Vol 7, no. 12, Dec. 1955. PRZEGLAD KOLEJOWY. Warsaw, Poland.

So: Eastern European Accession. Vol 5, no. 4, April 1956

JAWORSKI, C.

The use of electric locomotives. Pt. 4, (Conclusion) p. 41.
PREZEGLAD KOLEJOWY, Warszawa. Vol. 8, no. 2, Feb. 1956.

SOURCE: East European Accession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956.

JANOWSKI, Czesław

Determination of trace amounts of impurities in inert gases.
Przeg. elektroniki 4, no.2:209-216 1p '63

1. Zakładowe laboratorium Wyższej Szkoły Technicznej,
ul. Polna 10, Warszawa.

MOSKWA, W.; JAWORSKI, E.

Effect of urine from patients affected with cancer on human spermatozoa. Przegł. lek., Krakow 9 no.1:25-27 1953. (CIML 24:4)

1. Of the Institute of General and Experimental Pathology (Head--Prof. F. Venulet, M. D.) of Lodz Medical Academy.

JAWORSKI, Edward

Cesarean section in neuroplegia and local anesthesia with barbiturate anesthesia. Polski tygod. lek. 16 no.25:950-953 19 Je '61.

1. Ze Szpitala im. Dr M. Madurowicza w Lodzi; dyrektor: doc. dr med. Jerzy Pertynski.

(CESAREAN SECTION anesth & analgesia)
(ANESTHESIA, OBSTETRICAL)
(CHLORPROMAZINE ther)

JAWORSKI, Edward

On the problem of labor analgesia with eucodal and dolantin. Polski tygod. lek. 16 no.38:1458-1460 18 S. '61.

I. Ze Szpitala im. dr M. Madurowicz w Lodzi; dyrektor: doc. dr med. Jerzy Pertynski.

(ANESTHESIA OBSTETRICAL) (CODEINE rel opds)
(MEPERIDINE ther)

JAWORSKI, Edward

A case of afibrinogenemia after delivery of a macerated fetus.
Polski tygod. lek. 16 no.41:1581-1582 9 0 '61.

1. Z Oddziału Polozniczo-Ginekologicznego Szpitala Powiatowego w
Glogowie; ordynator: lek. med. E. Jaworski.
(AFIBRINOGENEMIA in preg)
(HEMORRHAGE POSTPARTUM case reports)

JAWORSKI, Edward

Cervical pregnancy. Ginek. Pol. 33 no.1:63-70 '62.

1. Ze Szpitala im. Dr M. Maurowicza w Łodzi Dyrektor: doc. dr J.
Pertynski.

(PREGNANCY ECTOPIC)

POLAND

JAWORSKI, Edward, Lek. med., Ordynator of the Obstetric and Gynecological Division (Oddzial Polozniczo-Ginekologiczny) of the Powiat Hospital (Szpital Powiatowy) in Swiebodzin

"Results of Systematic Gynecological Examination of Patients in the Medical Ward and in the Anti-Tuberculosis Sanatorium."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 17, 22 Apr 63, pp 597-598.

Abstract: [Author's English summary modified] All female patients admitted to the internal disease section of the hospital in Swiebodzin and the tuberculosis sanatorium in Torzym were subjected to gynecological examination. For some of the patients this was the first examination of this kind. In 237 out of these 589 cases disorders of the urogenital tract were disclosed, mostly precancerous states and non-malignant tumors; in four (4) cases malignancy was established. Author proposes gynecological examination of female patients as a routine examination on admission, for the early detection and prevention of tumors of the urogenital tract. There are no references.

1/1

POLAND

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619610002-6"

JAWORSKI, Edward, Hospital (Szpital) im. M. Madurowicza in Lodz (Director: Docent, Dr. med. Jerzy PERTYNSKI) and the Obstetrics and Gynecology Division (Oddzial Polozniczo-Ginekologiczny) of the Powiat Hospital (Szpital Powiatowy) in Swiebodzin (Ordynator: Lek. med. Edward JAWORSKI)

"Perforation of Uterus Since Introduction of Bill to Permit Interruption of Pregnancy."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 21, 20 May 63, pp 734-737

Abstract: [Author's English summary] Perforations of the uterus occurring outside the hospital have declined markedly since the introduction of the bill allowing the interruption of pregnancy, and these inside the hospital - increased. The author discusses the causes of uterus perforation and its treatment. Out of the 20 cases treated at the hospital one woman died as the result of intraperitoneal bleeding from the mesenteric vessels. There are two references, of which one is Polish and one Soviet.

1/1

JAWORSKI, Edward

Perforation of the uterus during the era of permissible
interruption of pregnancy. Pol. tyg. lek. 18 no. 21:734-737
20 My '63.

1. Ze szpitala im. M. Madurowicza w Lodzi; dyrektor; doc. dr
med. Jerzy Pertynski i z Oddz. Polozniczo-Ginekologicznego
Szpitala Powiatowego w Swiebodzinie; ordynator; lek. med.
Edward Jaworski.

(ABORTION, LEGAL) (UTERUS)

JAWORSKI, Edward

Proclapse of the umbilical cord during labor. Wlad. lek. 18
no.20:1595-1599 15 0 '65.

1. Z Oddz. Polozn.-Ginek. Szpitala Miejskiego ln. K. Marcinkow-
skiego w Inowroclawiu (Ordynator: dr. med. E. Jaworski).

JAWORSKI, Edward

The necessity of thorough examination of the uterine body and of the adnexa in cesarean section. Ginek. Pol. 36 no.5:523-525 My '65.

1. Z Oddziału Położniczo-Ginekologicznego Szpitala Miejskiego im. K. Marcinkowskiego w Inowrocławiu (Ordynator: lek. med. E. Jaworski).

JAWORSKI, I.

"The leather industry prepares itself for production in 1953" (P. 279). PRZEGLAD SKORZANY
(Centralne Zarzady Przemyslu Garbarskiego, Obuniczego i Artykulow Skorzanych) Lodz,
Vol. 7, No. 11, Nov. 1952.

SO: East European Accessions List, Vol 3, No. 8, Aug. 1954.

JAWORSKI, I.

Poland/Chemical Technology - Chemical Products and Their Application. Industrial Organic Synthesis, I-14

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62698

Author: Treszczanowicz, E., Jaworski, I., Kazmierowicz, W.

Institution: None

Title: Synthesis of Ethylamines from Acetaldehyde, Hydrogen and Ammonia in the Presence of a New Dehydration-Hydrogenation Catalyst

Original

Periodical: Synteza etyloamin z aldehydu octowego wodoru i amoniaku w obecności nowego kontaktu dehydratacyjno-uwodorniającego, Przem. chem., 1955, 11, No 1, 36-39; Polish; Russian and English resumés

Abstract: Comparative investigations were carried out of the synthesis of ethyl amines (I) in an experimental unit in the presence of 2 different catalysts (C). The old catalyst (OC) containing 7.9% Ni, 2.1% Cr₂O₃, and 90% pumice had strong hydrogenating and weak dehydrating properties. The new catalyst (NC) containing 4.9% Ni and 51% Al₂O₃ had strong hydrogenating and dehydrating properties. The

Card 1/3

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...section of the reactor had the shape of an oblate ellipse). Temperature distribution within reactor: bottom 134-135°, middle 152-162°, top 163-175°. Feed: H₂ 400 l/hour, CH₃CHO 400 l/hour, NH₃ 200 l/hour, circulating gases 4,000 l/hour. Contact time 2.4 seconds. In presence of NC crude product contained 28.6% II, which is the main product aimed at, than with OC under identical conditions. With all other conditions being equal there is observed a large difference in the content of II in the product obtained with fresh C (22.3%) and C in operation for 10 days (28.8%). Changes in composition of the products are due to different mechanism of the process in presence of fresh C and C in operation for a long time. This is confirmed by the fact that on using NC there was obtained immediately (under identical conditions) products containing 28.6% II. After one month of operation the reaction product obtained with OC contained 58.7% I including 26.3% II, with NC it contained 64.5% I including 35.1% II, aldehyde admixtures were 0.5% and 0.1% respectively. An advantage of NC is also its stability to overheating

Card 2/3

Card 3/3

JAWORSKI, J.

Connecting friction lining with a disk clutch during the process of pressing linings. p. 145, Vol. 5, no. 5, May 1955, TECHNIKA MOTORYZACYJNA

SO:MONTHLY LIST OF EAST EUROPEAN ACCESSIONS (SERIAL), LC, Vol. 4, No. 9, Sept. 1955, Uncl.

SAKURAI, J.

"Percuss Rubber Seals", p. 237, (TECHNIKA MISHINOSTROYENIYA, Vol. 7, No. 8, August 1954, Warsaw, Poland)

SO: Monthly List of East European Accessions (EMAL), IC, Vol. 4, No. 3, March 1955, Uncl.

ANCOR III, J.

"Possibilities of Substituting Plastic Materials for Deficient Metals
in the Motor Industry", P. 364, (TECHNIKA MOCROBYBACZENA, Vol. 7, No. 12,
December 1954, Warsaw, Poland)

SO: Monthly List of East European Accessions (EMAL), LC, Vol. 4, No. 3,
March 1955, Uncl.

JAWORSKI, J.

Plastic materials in the national automotive industry. p. 373. (PRZEMYSŁ
CHEMICZNY, Vol. 10, No. 7, July 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 3, No. 12, Dec.
1954, Uncl.

JAKUBSKI, J.

Building bodies of plastic materials. p. 175.
TECHNIKA FOTORYZACIJA, Warszawa, Vol. 5, no. 5, June 1955.

SO: Monthly List of East European Accessions, (SEAL), 10, Vol. 4, no. 10, Oct. 1955,
Encl.

JAWORSKI, J.

In memory of Stefan Jasinski. Gruzlica, Warsz. 19 no.6:710-713
Nov-Dec 51. (CJML 21;5)

1. Obituary.

Distr: 4E2c(j) / 6191
4E2c

621.747.5B:668.44

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1-2-9(13)
27

Jaworski J. The Repair of Metal Castings with Epoxy Resins.
„Naprawa odlewów metalowych żywicami epoksydowymi”. Technika Motoryzacyjna. No. 6, 1959, pp. 234-242, No. 8, pp. 297-301, 17 figs., 12 tabs.

Metal castings can be repaired with the Polish made resin, Epi-dian 3-F. It has excellent adhesive and mechanical properties which make it suitable for repairing castings; but it must be still further improved since it lacks homogeneity and its hardening is too slow. All epoxy resins have good adhesive properties to metal surfaces when such surfaces are clean. The surfaces of light-alloy castings must be previously etched in a chromium bath. The resins can be used for filling defects in castings as well as mechanical defects, if the temperature in which the part is used does not exceed 180°C. Resin layers more than 5 mm. thick should be avoided. This paper describes the procedure of laying on the composition of resins and hardeners by vacuum and low-pressure technique, together with laying on of the epoxy paste. Hardening the resins is achieved by heating to the temperature prescribed for each composition. The time of hardening is counted from the moment this temperature is reached. The hardened epoxy compositions can be easily machined, but since this operation is somewhat costly it should be avoided by accurate shaping.

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ygc

JAWORSKI, J.

Plastics in the production of motor vehicles. p.10

PRZEGLAD TECHNICZNY. (Naczelna Organizacja Techniczna) Warszawa, Poland
Vol.80, no.41, Oct. 1959

Monthly list of East European Accessions (EEAI) LC, Vol.9, no.1, Jan. 1960
Uncl.

TRENKNER, Mieczysław; SYLWANOWICZ, Wojciech; JAWORSKI, Jan

Duodenal polyp. Pol. przegl. chir. 37 no.11:1168-1169 N ' 65.

1. Z Kliniki Chirurgicznej Instytutu Gluzlicy (Kierownik:
prof..dr. L. Manteuffel).

RZEPECKI, Wit; BLEDOWSKA, Jadwiga; JAWORSKI, Jan; KULAKOWSKI, Leszek;
MICHELINI, Henryk; SROCYNSKI, Stefan

Atelectasis in pneumothorax treatment. Gruzlica 24 no.9:
939-945 Sept 56.

1. Z Zakladu Ftyzjochirurgii I.D. i S.K.L. Kierownik: prof. dr.
W. Rzepecki z Sanatorium im. Dr. O. Sokolowskiego p. o. Dyrektor:
lek. S. Mlekodaj i z Panstwowego Zespolu Sanatoriow Przeciwgruzliczych
Dyrektor: dr. S. Frenkel. Adres: Zakopane, ul. Kasprowicza 1.

(PNEUMOTHORAX, ARTIFICIAL, compl.
atelectasis, eff. of previous pneumothorax & tuberc.
lesions on)

(ATELECTASIS, etiol. and pathogen.
pneumothorax, artificial, eff. of previous pneumothorax
& tuberc. lesions)

JAWORSKI, Jan; MAZALON, Lech

Analysis of pulmonary resections. Postepy hig. med. dosw. no.2:40 '60.

1. Z Sanatorium Akademickiego w Zakopanem Dyrektor: lek. med. J.
Jaworski.

(PNEUMONECTOMY statist)

FRENKEL, Stanislaw; JAWORSKI, Jan; LUKIANSKA, Daniela; SMOL, Zdzislaw

Results in the treatment of chronic pulmonary tuberculosis in adults
with pyrazinamide in association with PAS. Gruzlica 30 no.1:51-55
'62.

1. Z Kliniki Chirurgii Klatki Piersiowej SDL w Zakopanem Kierownik:
prof. dr med. W. Rzepecki z Sanatorium Akademickiego w Zakopanem
Dyrektor: dr J. Jaworski z Sanatorium Nauczycielskiego w Zakopanem
Dyrektor: dr R. Talewski z Sanatorium "Warszawianka" w Zakopanem
Dyrektor: dr S. Sroczynski.

(PYRAZINAMIDE ther)
(PARAAMINCSALICYLIC ACID ther)

HORNUNG, Stanislaw; POLONCZYK, Mieczyslaw; DELOFF, Leonard; DERUBSKA, Barbara; GARNUSZEWSKI, Zbigniew; JAPOSZEWICZ, Wiwa; JAWORSKI, Jan; MYSAKOWSKA, Helena; PARYSKI, Edwin; PECAK, Wladyslaw; PREGOWSKI, Wladyslaw; SOSNOWSKI, Waclaw; WESTFAL, Irena; ZIERSKI, Marian

Primary resistance to basic antitubercular drugs in pulmonary tuberculosis patients observed in Poland during the period of 1961-1962. Gruzlica 32 no.8:629-636 Ag '64.

JAWORSKI, Jan

Fate of tuberculous former medical students treated in 1946-1955.
Gruzlica 32 no.12:1073-1079 D '64

1. Z Akademickiego Sanatorium Przeciwgruzlicznego im. dr. S. Jasinskiego w Zakopanem (dyrektor: dr. J. Jaworski).

WILUSZ, Z.; JAWORSKI, J.

The ecologic importance of afforestation. Postępy nauk roln 7 no.3:
63-70 '60. (EBAI 9:12)

1. Zakład Dendrologii i Pomologii PAN Stacja Bawcza w Turwia.
(Ecology) (Afforestation)

JAWORSKI, Jerzy

Influence of the type of instrument the measurement of potential evaporation. Przegł geofiz 6 no.4:251-258 '61

1. Zakład Dendrologii i Pomologii, Polska Akademia Nauk, Stacja Badawcza, Turwia.

JAWORSKI, Jerzy

Effectiveness of laying out tree stands in the fields. Postepy nauk roln
9 no.4:35-44 J1-Ag '62.

1. Zaklad Dendrologii i Pomologii, Polska Akademia Nauk, Kornik,
Stacja Badawcza Turew.

JAWORSKI, Jerzy

Real or seeming contradiction between the work of water amelioration and protection by nature? Postepy nauk roln 9 no.5:67-78 S-0 '62.

1. Polska Akademia Nauk, Zaklad Dendrologii i Pomologii, Kornik, Stacja Badawcza Turew.

JAWORSKI, Jerzy, mgr inz.

Prevention of gas explosions and their consequences during
the period of closing the fire fields in stravsko-Karvinska
Pancv. Wiadom gorn 13 no.7/8:232-236 JI-Ag '62.

JAWORSKI, Jerzy

Electric resistance of porous sondes and humidity of the natural soil environment. Przegł. geofiz. 8 no.1/2:45-53 '63.

1. Zakład Dendrologii i Arboretum Kornickie, Polska Akademia Nauk, Stacja Badawcza Turew.

JAWORSKI, Jerzy, dr inż.

Surface water evaporation in a poplar nursery. Gosp wodna
24 no. 2:63-65 F '64.

1. Zakład Dendrologii i Arboretum Kornickie, Turew.

JAWORSKI, Jerzy; MAZONSKI, Tadeusz

Studies on the chlorination reaction in the hexachlorobenzene preparation process. Przem chem 43 no. 2: 92-94 F '64.

1. Katedra Technologii Chemicznej Organicznej, Politechnika Slaska, Gliwice i Zaklad Naukowo Badawczy, Zaklady Chemiczne, Oswiecim.

JAWORSKI, Jozef, Inz.

Technical and economic problems of using synthetic materials.
Techn motor 12 no.1:13-16 Ja'62.

NIEPOLONSKI, Witold, SOSNIEKZ Maria; JAWORSKI, Josef.

Observations on anatomical and pathological changes in the lungs
in silicosis and in silicotuberculosis. Pat.polska 6 no.2:139-
149 Ap-Je '55.

1. Z Instytutu Medycyny Pracy i z Zakładu Anatomii Patologicznej
Sl. A.M. Dyrektor Instytutu: prof. dr B. Mowakowski.

(TUBERCULOSIS, PULMONARY,
silicotuberc., pathol.

(SILICOSIS, pathology,
silicosis & silicotuberc.)

SYC, Stefan; JAWORSKI, Josef

~~AMYLOIDOSIS OF THE TONGUE~~
Amyloidosis of the tongue as the main clinical manifestation of
plasmocytic reticuloma. Polski tygod. lek. 10 no.7:193-197 14 Feb 55.

1. Z kliniki chorob wewnatrznych Sl. A.M. w Zabrze, kier. prof. dr.
Josef Japa, Z zakladu anatomii patol. Sl.A.M. w Zabrze, kier. prof.
dr. Witold Niepolomski.

(SARCOMA. RETICULOM CELL

plasmocytic, manifest., tongue amyloidosis)

(AMYLOIDOSIS

tongue, as manifest. of plasmocytic reticulum cell
sarcoma)

(TONGUE, diseases

amyloidosis, as manifest. of plasmocytic reticulum cell
sarcoma)

NI EPOLOMSKI, W.; SOSNIERZ, M.; JAWORSKI, J.

Fibrous changes of the lungs in the population of industrial areas.
Pat polska 7 no.2:169-173 Apr-June 56.

1. Z Instytutu Medycyny Pracy w Przemysle Węglowym i Hutniczym
Dyrektor: prof. dr. B. Nowakowski, Adres: Zabrze, Zakl. Anat. Pat.
A.M., 3 Maja 13/15.

(LUNGS, pathology
fibrous changes in population of indust. areas, autopsy
findings (Pol))

JAWORSKI, J

WOJCISZAK, I.; JAWORSKI, J.

Attempted establishment of warm-up for swimmers and its practical effectiveness. Acta physiol. polon. 8 no.3:571-572 1957.

1. Z Zakladu Fizjologii Instytutu Naukowego Kultury Fizycznej. Dyrektor: prof. dr Wl. Missiuro.

(ATHLETICS,

swimmer's warm-up (Pol))

NIEPOLOMSKI, W., SOSNIEK, M., JAWORSKI, J.

Mediastinal lymph nodes in silicosis and silicotuberculosis. Pat.
Polska 9 no.1:1-8 Jan-Mar '58.

1. Z Instytutu Medycyny Pracy w Przemysle Węglowym i Hutniczym
Dyrektor: prof. dr B. Nowakowski. Adres autora: Zakł. Anat. Pat.
Sl. Akad. Med. Zabrze ul. 3 Maja 13/15.

(SILICOSIS, pathol.

fibrosis & RE hyperplasia of mediastinal lymph nodes
(Pol))

(TUBERCULOSIS, pathol.

fibrosis & RE hyperplasia of mediastinal lymph nodes
in silicotuberc. (Pol))

(LYMPH NODES, pathol.

fibrosis & RE hyperplasia of mediastinal lymph nodes
in silicosis & silicotuberc (Pol))

JAWORSKI, Jozef, inz.

Polyamides for bearings not needing frequent lubrication.
Przepl techn 85 no. 43:5 25 0 '64.

JAWORSKI, Jozef, inz.

Technical and economic problems connected with the use
of plastics. Techn motor 12 no. 1: 13-16 Ja '62.

JAWORSKI, Jozef, inz.

Application of epoxy lacquers for the protection of
fuel containers from corrosion. Techn motor 12 no. 7:
228-229 J1 '62.

1. Biuro Konstrukcyjne Przemyslu Motoryzacyjnego, Warszawa.

JAWORSKI, Jozef, inz.

Progress in applying plastics in the construction of
bodies. Techn motor 14 no. 4:116-117 Ap '64.

JAWORSKI, Julian, mgr inz.

Problems of industrial safety in the foundry industry. Przegl
techn [84] no.7:1, 8 17 F '63.

1. Posel na Sejm Polskiej Rzeczpospolitej Ludowej, Warszawa.

JAWORSKI, Juliusz, mgr inz.

Preliminary studies on amending the standards of technical characteristics of stone material and methods of testing them. Techn drog prace 1s27-68'61.

JAWORSKI, Juliusz, mgr inz.; SLUPSKI, Witold, inz.

Instruction COD 2/61; directives for the construction of bases from natural and crushed stone with wide granulation margins, not sorted. Techn drog prace 2:111-135'62.

JAWORSKI, K.

"Improving the collective economy." Pt. 1. p. 187. (MATERIALY BUDOWLANE, Vol. 8, no. 7, July 1953, Warsaw, Poland)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 5, May 1954, Uncl.

JAWORSKI, K.

(MATERIALY BUDOWLANE, Vol. 8, No. 8, Aug. 1953, Warszawa, Poland)

"Improving the economy of aggregates, Pt. 2." p. 209

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L.C., Vol. 3, No. 4, APRIL 1954

POLAND

JAMORSKI, K. and WERZYNOWICZ, R. [Affiliation not given]

"Preliminary Field Studies on the Effect of Oleic Prolan, Gestyl, and Stilboestrol in Functional Infertility of Cows and Heifers."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 11, No 4, Apr 63, pp 214-216.

Abstract: [Author's English summary] Authors attempted treatment with the above drugs of 67 infertile cows and 27 infertile heifers, all with no pathological lesions of the reproductive organs. Results, in percent fertilization, were as follows: For stilboestrol and gestyl -- 80, for stilboestrol and prolan -- 62.5, for stilboestrol alone -- 62.0, and for gestyl alone -- 53 percent. The six (6) references comprise four (4) Polish and two (2) German sources.

1/1

JAWORSKI, Kuliusz, mgr.inz.

Road bases from crushed stone with wide granulation margins.
Techn drog prace 2:81-110'62.

JANORSKI, L.

"Transportation of Agriculture Produce Is a Primary Task of Transportation Services." p. 225, (MOTORIZACJA, Vol. 9, No. 8, Aug. 1954, Warszawa, Poland.)

SO: Monthly List of East European Accessions, (EEAL), LC,
Vol. 3, No. 12, Dec. 1954, Uncl.

JAWORSKI, L.

"Exploitation of Loadless Runs and the Distance of Hauling in Truck Transportation." p. 270, (KOTORYZACJA, Vol. 9, No. 9, Sept. 1954. Warszawa, Poland.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

JAWORSKI, L.

Allowed freight distances in heavy automotive transportation. p. 298

MOTORYZACJA (Ministerstwo Transportu Drogowego i Lotniczego)
Vol. 10, No. 10, October 1955
Warszawa, Poland

So. East European Accessions List

Vol. 5, No. 1

Jan. 1956

JAWORSKI, L.

Auxiliary transportation cooperatives do not fulfill their tasks. p. 100. The San, the new Polish omnibus. p. 104. MOTORYZACJA, Warszawa. Vol. 11, no. 4, Apr. 1956.

SOURCE: East European Accession (EEAL) Library of Congress
Vol. 5, no. 8, August 1956.

JAWORSKI, Marian

Chromatographic determination of aliphatic hydrocarbons in oxygen compounds. Chem anal 6 no.2:243-249 '61.

(EEAI 10:9)

1. Institute of Organic Synthesis, Blachownia Slaska.

(Chromatography) (Hydrocarbons) (Oxygen)
(Aliphatic compounds)

JAWORSKI, Marian; ZIELASKO, Antoni; GASIOR, Krystyna

Colorometric determination of ethylene oxide. Chem anal
6 no.6:1005-1012 '61.

1. Institute of Organic Synthesis, Blachownia Slaska.

JAWORSKI, Marian

Application of gas chromatography in the petrochemical industry. Przem chem 41 no.1:14-17 Ja '62.

1. Instytut Ciężkiej Syntezy Organicznej, Błachownia Śląska

JAWORSKI, Marian

Application of gas chromatography in the petrochemical industry.
Przem chem 41 no.1:14-17 Ja '62.

1. Instytut Ciezkiej Syntezy Organicznej, Blachownia Slaska.

JAWORSKI, Marian

Chromatographic analysis of gasoline from Romashkin. Chem anal
7 no.6:1095-1106 '62.

1. Institut of Organic Synthesis, Blachownia Slaska.

JAWORSKI, Marian, mgr

Mercurometric determination of allyl alcohol. Chem anal 9 no. 1-
35-38 '64.

1. Analytical Department, Institute of Heavy Organic Synthesis,
Blachownia Slaska.

JAWORSKI, Marian; BOGACZEK, Jan

Polarographic determination of thiophene. Chem anal 9 no.2:
231-237 '64.

1. Institute of Heavy Organic Synthesis, Blachownia Slaska.

L 32729-65 SWI (a)/BPP (a)/BWP (j)/A PC-L/FR-L WE/RM
ACCESSION NR: AP4049373 P/0014/84/043 010/0657/0659
AUTHOR: Nowakowski, L.; Jaworski, M.; Hetper, J.; Skibinska, I.
TITLE: Pyrolysis of gasoline aimed at obtaining maximum yields of the C sub 4 fraction
SOURCE: Przemysl chemiczny, v. 43, no. 10, 1964, 557-559

5269

fraction, butane

ABSTRACT: In view of the steadily improving prospects of the usefulness of the butylene-butadiene fraction, it was thought that the pyrolysis of gasoline might be a way of producing maximum yields of this fraction in postpyrolysis gases. It thus became necessary to establish the optimum conditions of the pyrolysis, from this point of view, and to determine the yields of the butylene isomers and butadiene. The authors worked on the analytical aspect of this process by carrying out a series of experiments on Romashkino gasoline (boiling range 44.0-149.5°C) at 680-720°C and various contact times (1 - 5.6 sec.). A special packed column was made for the separation of n- and isobutylene isomers, butadiene, and pentane. The gaseous products were determined chromatographically. The

L. 32729-65

ACCESSION NR. AP4049373

composition of the products for maximum contact times is tabulated (see Table 1 of the Enclosure). It was found that the influence of temperature on the yield of the components of the C₄ fraction is very slight, and changes by about 1% from 68 to 92°C. Basically the yields decline slightly as the contact time changes from 1 to 5.6 sec. The average yield of isobutylene is 2.5 wt. %, that of n-butylene 3.5 wt. %, and that of butadiene, 2.5 wt. %. The table shows that, in addition to relatively large amounts of the C₄ fraction, the

and 1 table.

ASSOCIATION: Institute of Chemical Synthesis (Institute of Heavy Industrial Synthesis) - Blacktown, State (Institute of

SUBMITTED: 0)

ENCL: 01

(UB CODE: FP

NO REF SOV: 001

OTHER: 005

Card 2/3

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ACCESSION NR: AP4049373

ENCLOSURE: 01

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Table 1. Composition of the gaseous products for different values of the contact time.

Temperature °C	Contact Time	Gas Composition, Vol. %							
		H ₂	CH ₄	C ₂ H ₆	C ₂ H ₄	C ₃ H ₈	C ₃ H ₆	C ₄ H ₁₀	C ₄ H ₈

680	1.6	2.0	4.6	2.0
680	5.8	1.3	1.5	1.6
720	1.0	1.7	3.1	2.6
720	4.9	1.9	2.3	1.5
Card	3/3			

POLAND

JAWORSKI, Marian, mgr; CHROMNIAK, Edward, mgr.

Institute of Heavy Organic Synthesis, Analytical Department (Zakład
Analityczny Instytutu Ciekłej Syntezy Organicznej), Blachownia Śląska -
(for both).

Warsaw, Chemia analityczna, No 6, November-December 1965, pp 1303-1309.

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Raney nickel."

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SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6, June 1956

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The egg and poultry industry does not utilize adequately the work of its laboratory.

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Monthly Index of East European Accessions (EFAI) LC. Vol. 7, no. 2,
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Some raw materials problems in the manufacture of gelatin.

p. 112, (Przemysl spozywczy. Vol. 10, no. 3, Mar. 1956, Warszawa, Poland)

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JAWORSKI, Piotr (Warszawa)

Polish-Soviet scientific and technical cooperation in the field of
food industry. Przem spoz 15 no.10:1-4 '61.

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APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619610002-6"

JAWORSKI, S.

(HORYZONTY TECHNIKI, Vol. 6, No. 8, Aug. 1954, Warszawa, Poland)

"Salvage from the bed of the sea" p. 350

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L.C., Vol. 3, No. 4, APRIL 1954

JAWORSKI, T.

JAWORSKI, T. The grain workers need good professional literature. p. 27

Vol. 7, no. 1. Jan. 1956
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Warszawa, Poland

So: East European Accession, Vol. 6, no. 2, Feb. 1957

JAWORSKI, T.

Rebuilt grain dryers can be operated. p. 19. GOSPODARKA
ZBOZOWA. Vol. 7, No. 4, Apr. 1956 Warszawa.

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Vol. 5, No. 11, August 1956.

JAWORSKI, Tadeusz

Diene reactions of tetraphenylcyclopentadienone, with aromatic nitriles. II. Reactions of aromatic nitriles. *Annales de Chimie Physique*, Paris, 1953, 46, 11389c. — Tetraphenylcyclopentadienone (I) reacts much faster (50-60 min.) with $BzCN$ (II) or with $p-MeOC_6H_4COCN$ (III) than with aromatic nitriles (30-60 hrs.). The products, 1-benzoyl-3,4,5,6-tetraphenylpyridine (IV) and 2-(*p*-methoxybenzoyl)-3,4,5,6-tetraphenylpyridine (V), form free radicals in the presence of K or Na and are easily reduced to the corresponding carbinols. II was obtained by hydrolysis of $p-MeOC_6H_4N:C(CN)Ph$ (VI), prepd. by condensation of

VI (125 g.) and 150 g. after standing for 14 hrs., filtering, and washing (the ppt. with CH_2 and with water 10.4 g. IV) m. 230-7° (from $AcOH$); IV $HClO_4$ salt, m. 110°. Anally hydrolyzed to I (13.2 g.) and 11.1 g. II. II treated as above, dissolved in 75 ml. CH_2 , and shaken with 10 ml. 70% $HClO_4$, gave a ppt. which, washed with CH_2 , per ether, and water, dissolved in $AcOH$, and reprecipitated with water yielded 10.1 g. V, m. 214-18° (from alc.); 1 g. V refluxed in dry atm. with 7 ml. 36% KOH in dry Et_2O until completely dissolved, diluted with water, and extd. with Et_2O gave after distn. of Et_2O an almost quant. yield of phenyl-3,4,5,6-tetraphenylpyridylcarbinol (X), m. 182-3° (from alc.); $HClO_4$ salt, distn. above 150°. Similarly, I gave *p*-methoxyphenyl-3,4,5,6-tetraphenylpyridylcarbinol (XI), m. 178-7° (from 1% OH in Et_2O); $HClO_4$ salt, distn. above 150°. Almost quant. yields of the carbinols were also obtained when the latter

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TADEUSZ JAWORSKI

POLAND / Chemical Technology, Chemical Products and H
Their Application, Part 3. - Industrial Org-
anic Synthesis.

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61834.

Author : Stefan Frenkel, Tadeusz Jaworski.
Inst : Not given.
Title : Kedzierzyn Combine and Chemical Industry Develop-
ment Plans in Poland.

Orig Pub: Zycie gospod., 1957, 12, No 51 - 52, 3.

Abstract: The Kedzierzyn chemical combine continues to
build up organic synthesis, in particular the
production of phthalic anhydride, fatty acids,
butyl acetate, n-nitroethylbenzene, anthraqui-
none etc., besides NH_3 and artificial fertili-
zers. The use of homemade equipment in the tech-
nology of fatty acid production is noted. The
technology of NH_3 production of the hydrogen

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SALWORA R. J. TA DEUSZ

7

Mistr: 4E3d/4E2c(j)

Alkyl reactions of tetrachlorocyclopentadienone ketal with benzoyl cyanide. Wojciech Jankowski and Wanda Polackowa (Politechnika Warszawska, Warszawa; Roczniki Chem. 31, 1237-8 (1957) (English summary). -- Contrary to the other similar reactions (C.A. 49, 3181d), 1,2,3,4-tetrachlorocyclopentadienone di-Me or di-Et ketal gives with benzoyl cyanide at 185-190° and 190 hrs., or 185-190° and 70 hrs., resp., the Me, m. 145-7° or Et ester, m. 111-12°, of 3,4,5-trichloro-6-benzoylcolonic acid. With MeONa, these esters form the same Me ester of 3,5-dichloro-4-methoxy-6-benzoylcolonic acid (I), m. 107-8°, which on acid hydrolysis yields 3,5-dichloro-4-hydroxy-6-benzoylcolonic acid (II), decomp. 200° with loss of CO₂ and formation of 3,5-dichloro-6-benzoylpyridine, m. 264-8°. Alk. hydrolysis of I leads to the corresponding methoxy acid; decomp. 200°, which on melting...

... 4-methoxy-6-benzopyridine, m.p. 134-5.5°

A. K. Kozlov

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Diene synthesis of pyridine ring; reactions of tetrachlorocyclopentadienone ketals with benzoyl cyanide. Roczniki chemii 34 no.3/4:887-898 '60. (EBAI 10:3)

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(Synthesis) (Pyridine) (Tetrachlorocyclopentadienone)
(Acetals) (Phenylglyoxylonitrile)

JAWORSKI, Tadeusz

Diene synthesis of dipyridyl systems; reaction of tetraphenylcyclopentadienone with nitriles of pyridinecarboxylic acids. *Rocz chemii* 34 no.3/4:899-903 '60. (EEAI 10:3)

1. Katedra Chemii Organicznej Politechniki, Warszawa.
(Synthesis) (Tetraphenylcyclopentadienone)
(Nitriles) (Pyridinecarboxylic acid)

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The mechanism of diene reactions leading to the pyridine system.
Kinetic studies of the reactions of tetracyclone with aromatic
nitriles. Roczniki chemii 35 no.5:1309-1318 '61.

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(Poland—Electronic calculating machines)

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SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 5, May 1954, Uncl.

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JAWORSKI, Z.

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Jaworski Z. The Use of a Single Electric Motor for Driving Machines of Varying Power.

"Zastosowanie jednego silnika elektrycznego dla napędu maszyn o różnej mocy". Mechanizacja i Elektryfikacja Rolnictwa. No. 1, 1953. pp. 54-60, 7 figs.

General economic grounds for the use of an electric motor in present day Polish agriculture. Description of the three phase asynchronous compact motor with a voltage of 630/450 V; it is desirable to start this motor under lowered voltage by using a star-delta switch. Advantages resulting from a star connection arrangement, which employs only part of the engine power includes a reduction of voltage, tension and power to 1/3, and improvement of the coefficient of power efficiency. A study of maximum loads with a star connection, shows as percentages of power indicated. A study of clutches operating on the basis of centrifugal force and the changes which they bring about in starting current intake. Conclusions: the best motor is a compact, totally closed motor with a voltage of 660/380 V, 1500 revolutions per minute, a power of 5.5, 7.5 and 11 kW, and a star-delta switch. It is simpler in construction, simpler to service and simpler to operate than a ring motor. In using a star connection, a safety device should be fitted in respect of 1/3 of the power indicated.